

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Nikovski et al.

Title: METHOD AND SYSTEM FOR SCHEDULING CARS IN ELEVATOR

SYSTEMS CONSIDERING EXISTING AND FUTURE PASSENGERS

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INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents PO Box 1450 Alexandria, VA 22313-1450

Pursuant to 37 C.F.R. §1.56(a), Applicant hereby cites the following documents (copies enclosed) listed on the attached copy of Form PTO-1449.

PLG 2/93 IDS.FRM

This Information Disclosure Statement is filed in accordance with the paragraph of 37 CFR §1.97 checked below:

- X 1.97(b) This Information Disclosure Statement is filed:
 - (1) Within three months of the filing date of a national application; OR
 - (2) Within three months of the date of entry of the national stage of an international application; OR
 - (3) Before the mailing of a first Office Action on the merits.

No fee or certification is required.

- __ 1.97(c) This Information Disclosure Statement is filed after the period specified in paragraph (b) above, but before the mailing date of either:
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- __ 1.97(d) This Information Disclosure Statement is filed after the mailing date of either:
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- (1) the Certification under 37 CFR 1.97(e) as set out below; AND
- (2) Petition is hereby made under 37 CFR
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- (3) Authorization to charge the petition fee of \$130.00 as set out in 37 CFR 1.17(i).

If this Information Disclosure Statement is being filed under 37 CFR 1.97(c) or 1.97(d), the undersigned Attorney hereby

certifies that:

each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of this Statement;

<u>or</u>

no item of information contained in this Information
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Authorization is hereby given to charge the indicated fee(s) to Deposit Account No. 50-0749.

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Respectfully submitted,

MITSUBISHI FLECTRIQ RESEARCH LABORATORIES

By:

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Enclosures

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Form PTO-1449 (modified 2/91) Patent and Trademark Office				Attorney Docket Number: MERL-1467	Se	rial Numbe	r:			
INFO	ORMATION DISCLO		NC							
			Applicant: Nikovski et al.							
		Filing date: Group art area: June 24, 2003								
		U.S.	PAT	ENT DOCUMENTS						
Exam- iner Initial	Patent number	Date		Name	Class	Sub- class		ng dat ppropr		
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3,140,033	037 007 1332 10Well Ce al.		1 -0 /	127	<u> </u>				
	F	OREIG	N PATENT	DOCUMENTS					
Document number	Date	C	ountry		Class	Subclass		Translation YES NO	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Barney, "Elevator Traffic Handbook," Spon Press, London, 2003, pages 269-270 Strakosch, "Vertical transportation: elevators and escalators," John Wiley & Sons, Inc., 1998, pages 150-151 "Elevator dispatchers for down-peak traffic," Technical Report, University of Massachusetts, Department of Electrical and Computer Engineering, Amherst, Massachusetts, 1994 Nikovski et al., "Decision-theoretic group elevator scheduling," 13th International Conference on Automated Planning Scheduling, Trento, Italy, June 2003 Ujihara et al., "The revolutionary AI-2000 elevator group-control system and the new intelligent option series," Mitsubishi Electric Advance, 45:5-8, 1988 Crites et al., "Elevator group control using multiple reinforcement learning agents," Machine Learning, 33:235, 1998 Bertsekas, "Dynamic Programming and Optimal Control," Athena Scientific, Belmont, Massachusetts, 2000. Volumes 2, pages 261-Bertsekas, "Dynamic Programming and Optimal Control," Athena Scientific, Belmont, Massachusetts, 2000, Volumes 1, pages 18-24 Examiner: Date Considered:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP .609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.